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10/537,649	02/28/2006	Yoshimitsu Kagiwada	SHIO-0110	4613
23377 7590 06/22/2011 WOODCOCK WASHBURN LLP CIRA CENTRE, 12TH FLOOR 2929 ARCH STREET PHILADELPHIA, PA 19104-2891				
EXAMINER THOMPSON, MICHAEL M				
ART UNIT		PAPER NUMBER		
3629				
NOTIFICATION DATE		DELIVERY MODE		
06/22/2011		ELECTRONIC		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

eoofficemonitor@woodcock.com

# Office Action Summary

**Application No.**

10/537,649

**Applicant(s)**

KAGIWADA ET AL.

**Examiner**

MICHAEL THOMPSON

**Art Unit**

3629

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --  
**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 20 April 2011.  
2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.  
3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1-14 is/are pending in the application.  
4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.  
5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.  
6) ☐ Claim(s) 1-14 is/are rejected.  
7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.  
8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.  
10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).  
11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).  
a) ☐ All b) ☐ Some \* c) ☐ None of:  
1. ☐ Certified copies of the priority documents have been received.  
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.  
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- 1) ☐ Notice of References Cited (PTO-892)  
2) ☐ Notice of Draftperson's Patent Drawing Review (PTO-948)  
3) ☒ Information Disclosure Statement(s) (PTO/SB/08)  
Paper No(s)/Mail Date 20100420  
4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_  
5) ☐ Notice of Informal Patent Application  
6) ☐ Other: \_\_\_\_\_

**DETAILED ACTION**

***Claim Rejections - 35 USC § 103***

1. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

2. This application currently names joint inventors. In considering patentability of the claims under 35 U.S.C. 103(a), the examiner presumes that the subject matter of the various claims was commonly owned at the time any inventions covered therein were made absent any evidence to the contrary. Applicant is advised of the obligation under 37 CFR 1.56 to point out the inventor and invention dates of each claim that was not commonly owned at the time a later invention was made in order for the examiner to consider the applicability of 35 U.S.C. 103(c) and potential 35 U.S.C. 102(e), (f) or (g) prior art under 35 U.S.C. 103(a).

3. Claims 1-3, and 5-14 are rejected under 35 U.S.C. 103(a) as being unpatentable over Tozzoli et al. (6,151,588) in view of Business Wire (Article: Retail Decision and I4 Commerce Form Alliance to Provide the Bill Me Later Payment Option for LiveProcessor Users) and Swan et al. (US 2003/0132854).

4. With respect to Claim 1: Tozzoli discloses the use of a parcel delivery information exchange method (The system of Tozzoli is one that processes payments and stored billings amounts for items purchased and delivered, therefore the examiner considers

the system to be fully capable of retrieving transaction state of the commodity by the parties involved in the commodity transaction, and the examiner considers the method of Tizzoli fully capable of mutually exchanging the transaction state of the commodity on a network, the method comprising:

- a. Storing commodity information in a commodity information storage means (Column 6, lines 48-52 and Claim 7);
  - b. Receiving, via a process means, order reception information from a receiver side terminal of the commodity that receives the commodity information through a communications means (See Figure 2A, Column 6, lines 35-47);
  - c. Storing a billing amount in a door to door parcel delivery information storage means, (Column 7, lines 1-8 and Column 8, lines 15-22, the orders are associated with a price, therefore when the purchase order is accepted and stored, the examiner considers this to be the billing amount that is stored),
  - d. Storing delivery state information from the deliverer side terminal in the storage means (Column 8, lines 6-13),
  - e. Receiving and transmits a billing amount to orderer, seller and the buyers broker (Column 9, lines 15-23). Tozzoli discloses that the order can come with a payment guarantee, therefore the system of Tozzoli is fully capable of having the commodity shipped before payment is confirmed.
5. Tozzoli discloses the order can come with a payment guarantee, however fails to specifically disclose an order receiver then ships the commodity to a user of the receiver side terminal before confirming payment with the receiver side terminal when payment

is due upon or prior to delivery of the commodity. The Business Wire article discloses the use of catalog and website order receivers using an option of "Bill Me Later" which is a method of shipping a product to the customer before payment is received (See Page 1). The examiner considers this to be the order receiver shipping the commodity to a user of the receiver side terminal before confirming payment with the receiver side terminal. It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Tozzoli to include the "Bill Me Later" feature as described in the Business Wire article, in order to eliminating the need for a credit card at purchase and enables merchants to reduce transaction costs (See Business Wire article, Page 1). It should be noted that in this instance shipping occurs before actual payment is due because payment may, for example, be due monthly (Para 3). Similarly, with respect to language stating shipment before payment, "prior to delivery," It is the Examiner's position that shipment will always precede delivery and payment in a Bill Me Later scenario.

6. Tozzoli discloses receiving delivery state information, however fails to specifically disclose tracking the delivery state information where the delivery state information includes a confirmation time at a checkpoint and a moving state of being in the vicinity of a location. Swan et al. (US 2003/0132854) discloses the use of tracking items in a supply chain and an order (See abstract and paragraph 0085), where tracking comprises a confirmation time confirming delivery state at a check point (See Paragraphs 0131 and 0132) as well as moving state of being in a vicinity (See Paragraph 0087 as well as Figures 8 and 9 with corresponding detailed description).

Swan also discloses the tracking used for confirming delivery to trigger billing (Paragraph 0149). It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Tozzoli and The Business Wire, to include the tracking system of Swan, in order to provide a real-time tracking of articles (See Swan Page 2)

7. With respect to Claim 2: Tozzoli discloses the use of shipping document templates, which the examiner considers to be a form of a shipping slip. Figure 3A discloses the system to store templates, use deliverer information and prepare the shipping documents and forward them to the seller to finalize the terms (See Figure 3A, Reference numerals 610, 620, 630 and 850 with corresponding detailed description).
8. With respect to Claims 3 and 5: See Tozzoli Figure 3C with corresponding detailed description.
9. With respect to Claim 6: See Tozzoli Reference numerals 640 and 870 with corresponding detailed description.
10. With respect to Claim 7: See Swan Paragraph 0009.
11. With respect to Claim 8: See Swan Paragraphs 0194, 0200-0205.
12. With respect to claims 9 and 10: While the combination discloses a door-to-door parcel delivery information exchange method according to claim 1, the combination does not appear to disclose commodity information that includes information on a pet and delivery state information that includes information on a state of the pet comprising physical condition and appearance and a temper of the pet. However, the Examiner asserts that the data identifying the commodity or delivery state information as including

information on the pet that includes the physical condition, appearance and temper of the pet is simply a label for the data and adds little, if anything, to the claimed acts or steps and thus does not serve to distinguish over the prior art. Any differences related merely to the meaning and information conveyed through labels (i.e., the specific type of information) which does not explicitly alter or impact the steps of the method does not patentably distinguish the claimed invention from the prior art in terms of patentability. Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to have the information on the pet that includes the physical condition, appearance and temper of the pet be included in the user information of the combination of Tozzoli, Bill Me Later and Swan, because the type of information being collected does not functionally alter or relate to the steps of the method and merely labeling the information differently from that in the prior art does not patentably distinguish the claimed invention.

13. With respect to Claim 11 (New):

The combination teaches a delivery information exchange method, the method comprising:

receiving, at a processor, order reception information from an order receiver side terminal associated with an order receiver, order reception information being associated with a commodity transaction with payment due on or prior to delivery of the commodity, wherein the order receiver ships the commodity to a buyer before confirming payment with the receiver side terminal ( i.e. via at least Figure 2A, Column 6, lines 35-47 for receiving order reception information as modified in claim 1 by Bill Me Later teaching on

page 1 a method of shipping a product to the customer before payment is received); Thus it would have been obvious to one of ordinary skill in the art at the time of the inventions to modify Tozzoli to include the "Bill Me Later" feature as described in the Business Wire article in order to eliminate the need for credit care at purchase and enables merchants to reduce transactions costs.

tracking a billing amount and a payment state (i.e. via at least Figures 3B and 3C of Tozzoli with corresponding description);

and transmitting the billing amount and the payment state to a deliverer side terminal such that outstanding payment is collected when the commodity is delivered to the buyer (i.e. via at least Figures 3B and 3C of Tozzoli with corresponding description).

14. With respect to Claim 12 (New):

The combination teaches the method according to claim 11, where Tozzoli discloses receiving delivery state information, however fails to specifically disclose tracking the delivery state information. Swan et al. (US 2003/0132854) discloses the use of tracking items in a supply chain and an order (See abstract and paragraph 0085), where tracking includes a confirmation time confirming delivery state at a check point (See Paragraphs 0131 and 0132) as well as moving state of being in a vicinity (See Paragraph 0087 as well as Figures 8 and 9 with corresponding detailed description). Swan also discloses the tracking used for confirming delivery to trigger billing (Paragraph 0149). It would have been obvious to one having ordinary skill in the art at the time the invention was made to modify Tozzoli and The Business Wire, in include



the tracking system of Swan, in order to provide a real-time tracking of articles or delivery state information (See Swan Page 2). The combination also teaches transmitting the delivery state information, the billing amount and the payment state to a receiver side terminal associated with the buyer, wherein the delivery state information, the billing amount and the payment state enable the buyer to timely prepare payment prior to the delivery of the commodity when the payment is due on delivery (i.e. via at least both the Tozzoli teachings at figures 3B and 3C and the "Bill Me Later" teachings either alone or in combination wherein in both cases the information is conveyed to the buyer side for payment).

15. With respect to Claim 13 (New):

The combination teaches the method according to claim 11, further comprising:  
transmitting the payment state to a receiver side terminal associated with the buyer, wherein the transmitting enables the buyer to confirm payment (i.e. via at least Tozzoli teachings at figures 3B and 3C and accompanying description).

16. With respect to Claim 14 (New):

The combination teaches the method according to claim 11, further comprising:  
receiving a notification from a payment side terminal that payment according to the billing amount is completed (i.e. via at least Tozzoli teachings at figures 3B and 3C and accompanying description);  
and updating the payment state information to paid (i.e. via at least Tozzoli

teachings at figures 3B and 3C and accompanying description).

17. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Tozzoli et al., Business Wire and Swan et al. in view of Kadaba (6,539,360).

18. Tozzoli, The Business Wire article and Swan, disclose the use of shipping orders, however fails to disclose the items of the order are fragile articles or pets, and fails to disclose the delivery status is a state of the article or the pet. Kadaba discloses the use of a special handling item shipping and tracking system, which ships and tracks whether a package designated for special handling (such as fragile items, Column 6, lines 1-8) has been applied to the packages (See abstract). It would have been obvious to one having ordinary skill in the art at the time the invention was made, to modify Tozzoli, Business Wire and Swan to include the tracking of special handling items, such as in Kadaba in order to provide a system which applies special handling to fragile items at appropriate times and to determine if there is a reoccurring failure in the special handling of items. (See Kadaba Column 4).

#### ***Response to Arguments***

19. Applicant's arguments filed 04/20/10 have been considered but are moot in view of the new ground(s) of rejection.

20. As presented previously, it should be noted, that the term "tracking" is not found to be present in the original specification, therefore is only given the definition of "received and stored", which steps are outlined in the specification. If the claims are amended to have term tracking being recited as something more than just received and

stored, the applicant will need to show specific support for where it is located in order to avoid a new matter situation.

21. Due to the fact that tracking is simply receiving information and storing the information and the applicant has not given any specific steps which utilize the specific information of the checkpoint and the moving state, the specifics of the delivery state information is still considered to be non-functional descriptive. However, in order to further prosecution the examiner has applied a new piece of art which covers the newly added tracking limitation.

22. Furthermore with respect to the newly amended claim language, it is the Examiner's position that the language still fits within the corners of teaching as rejected. In particular, it should be noted that in this instance shipping occurs before actual payment is due because payment may, for example, be due monthly (Para 3). Similarly, with respect to language stating shipment before payment, "prior to delivery," It is the Examiner's position that shipment will always precede delivery and payment in a Bill Me Later scenario. Whether or not there is some form of purchase approval does not change the fact that the billing (i.e. payment due upon) is after shipping.

### ***Conclusion***

23. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure Vogel et al. (US 2007/0277229) discloses the use of tracking signatures for delivery confirmation, Robbins (US 2003/0182265) discloses the use of a delivery tracking system and Jones (US 2003/0146854) discloses the use of a delivery

system which tracking the movement of the trucks to give recipients a warning on the arrival of the delivery.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Michael M Thompson whose telephone number is (571)270-3605. The examiner can normally be reached on M-Fri. (8:30 - 5:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor Jamisue Plucinski can be reached on (571) 272-6811. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Michael M Thompson/  
Examiner, Art Unit 3629

/Traci L Casler/  
Primary Examiner, Art Unit 3629

